c-Myc (Phospho Ser373) Rabbit pAb

CatalogNo: YP0067 Comparable Abs

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- IHC,IF,IP,ELISA

MW
- 50kD,(also ~60kD in some samples) (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300
IP 2-5 ug/mg lysate
ELISA 1:20000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human Myc around the phosphorylation site of Ser373. AA range:340-389

Specificity Phospho-c-Myc (S373) Polyclonal Antibody detects endogenous levels of c-Myc protein only when phosphorylated at S373.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KRsFF

Target Information

Gene name MYC BHLHE39

Protein Name Myc proto-oncogene protein

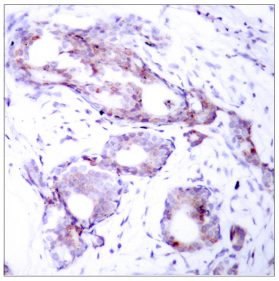
Organism	Gene ID	UniProt ID
Human	4609;	P01106;
Mouse	17869;	P01108;
Rat	24577;	P09416;

Cellular Localization Nucleus , nucleoplasm . Nucleus , nucleolus .

Tissue specificity Cervix ,Epithelium ,Leukemia ,Placenta ,Promyelocytic l

Function Disease:A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia. Translocation t (8;12) (q24;q22) with BTG1. ,Disease:Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors. ,Function:Participates in the regulation of gene transcription. Binds DNA both in a non-specific manner and also specifically to recognizes the core sequence 5'-CAC[GA]TG-3'. Seems to activate the transcription of growth-related genes. ,online information:Myc entry ,PTM:Phosphorylated by PRKDC. ,similarity:Contains 1 basic helix-loop-helix (bHLH) domain. ,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Binds DNA as a heterodimer with MAX. Interacts with TAF1C and SPAG9. Interacts with PARP10. Interacts with KDM5A and KDM5B. ,

Validation Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Myc (Phospho-Ser373) Antibody.

Contact information

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Please scan the QR code to access additional product information:
c-Myc (Phospho Ser373) Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents